

ABSTRACT OF THE DISCLOSURE

A method of making a formed, dried lignocellulose fiber material comprising (a) providing an aqueous lignocellulose fiber pulp slurry having an effective consistency; (b) de-watering the slurry to provide a de-watered material at an effective de-watering rate under an effective pressure to prevent or reduce the formation of fissures and voids within the material; (c) drying an effective amount of the de-watered material at an effective temperature and period of time to provide the formed, dried lignocellulose fiber material having a thickness of at least 5 mm. The formed, dried lignocellulose material may be used to make a lignocellulose fiber-resin composite material of use as a cost effective structural member, as a substitute for steel, in, for example, bridges, processing equipment, and the like.